

SAFETY DATA SHEET

5005 PART A

Page 1

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Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: 5005 PART A

Product code: 5005A

Company name: Holdtite Adhesives

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2. HAZARDS IDENTIFICATION

Main hazards: Highly flammable. Harmful by inhalation. Causes burns. Irritating to respiratory system. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: A,A-DIMETHYLBENZYL HYDROPEROXIDE 1-10%

EINECS: 201-524-7 CAS: 80-15-9

[O] R7; [Xn] R21/22; [T] R23; [C] R34; [Xn] R48/20/22; [N] R51/53

- METHACRYLIC ACID 1-10%

EINECS: 201-204-4 CAS: 79-41-4

[Xn] R21/22; [C] R35

- METHYL METHACRYLATE 30-50%

EINECS: 201-297-1 CAS: 80-62-6

[F] R11; [Xi] R37/38; [Sens.] R43

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

[cont...]

4. FIRST AID MEASURES (ACTION)

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- Exposure hazards:** Corrosive. In combustion emits toxic fumes.
- Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

- Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
- Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:** METHACRYLIC ACID
WEL (8 hr exposure limit): 72 mg/m³ WEL (15 min exposure limit): 143 mg/m³

SAFETY DATA SHEET

5005 PART A

- METHYL METHACRYLATE

WEL (8 hr exposure limit): 208 mg/m³ WEL (15 min exposure limit): 416 mg/m³**Engineering measures:** Ensure there is sufficient ventilation of the area.**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.**Hand protection:** Impermeable gloves.**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.**Skin protection:** Impermeable protective clothing.**9. PHYSICAL AND CHEMICAL PROPERTIES****State:** Liquid**Flash point°C:** 20**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Heat.**Materials to avoid:** Strong oxidising agents. Strong acids.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients:** A,A-DIMETHYLBENZYL HYDROPEROXIDE

ORL MUS LDLO 5 gm/kg

ORL RAT LD50 382 mg/kg

SCU RAT LD50 382 mg/kg

- METHACRYLIC ACID

ORL MUS LD50 1250 mg/kg

ORL RAT LD50 1600 mg/kg

- METHYL METHACRYLATE

IPR RAT LD50 1328 mg/kg

ORL MUS LD50 3625 mg/kg

ORL RAT LD50 7872 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Mobility:** Readily absorbed into soil.**Persistence and degradability:** Biodegradable.**Bioaccumulative potential:** No bioaccumulation potential.**Other adverse effects:** Negligible ecotoxicity.**13. DISPOSAL CONSIDERATIONS****NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SAFETY DATA SHEET

5005 PART A

14. TRANSPORT INFORMATION

ADR / RID

UN no: 2920 **ADR Class:** 8
Packing group: II **Classification code:** CF1
Shipping name: CORROSIVE LIQUID, FLAMMABLE, N.O.S. (METHYL METHACRYLATE;
 2-METHYLPROPENOIC ACID)
Labelling: 8+3 **Hazard ID no:** 83



IMDG / IMO

UN no: 2920 **Class:** 8
Packing group: II **EmS:** F-E,S-C
Marine pollutant: . **Labelling:** 8+3

IATA / ICAO

UN no: 2920 **Class:** 8
Packing group: II **Subsidiary risk:** 3
Packing instructions: 808(P&CA); 812(CAO)
Labelling: 8+3

15. REGULATORY INFORMATION

Hazard symbols: Highly flammable.
 Corrosive.



Risk phrases: R11: Highly flammable.
 R20: Harmful by inhalation.
 R34: Causes burns.
 R37: Irritating to respiratory system.
 R43: May cause sensitisation by skin contact.
 R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety phrases: S16: Keep away from sources of ignition - No smoking.
 S23: Do not breathe ...
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical

SAFETY DATA SHEET

5005 PART A

advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S51: Use only in well-ventilated areas.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.2: R7: May cause fire.

R21/22: Harmful in contact with skin and if swallowed.

R23: Toxic by inhalation.

R34: Causes burns.

R48/20/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R35: Causes severe burns.

R11: Highly flammable.

R37/38: Irritating to respiratory system and skin.

R43: May cause sensitisation by skin contact.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.